

A G E N D A



Recommendation for Council Action

Austin City Council	Item ID	17268	Agenda Number	4.
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Meeting Date:	8/2/2012	Department:	Austin Energy
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Subject

Approve issuance of a rebate to the U.S. General Services Administration for the installation of energy efficient equipment in an amount not to exceed \$109,851.

Amount and Source of Funding

Funding is available in the Fiscal Year 2011-2012 Operating Budget of Austin Energy, Conservation Rebates and Incentive Fund.

Fiscal Note

A fiscal note is not required.

Purchasing Language:	
Prior Council Action:	
For More Information:	Fred Yebra, P.E., Acting Vice President, Distributed Energy Services, 482-5305; Scott Jarman, P.E., Interim Director, Energy Efficiency Services, 482-5307.
Boards and Commission Action:	Recommended by the Electric Utility Commission
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to issue a rebate to U.S. General Services Administration in an amount not to exceed \$109,851 for the installation of a Thermal Energy Storage System and associated Variable Frequency Drives on pump motors in accordance with the City of Austin's Commercial Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Resource, Generation, Climate Protection Plan to 2020, approved in April 2010 by City Council, designed to reduce local air pollution through energy conservation, to reduce peak demand, and to assist customers in reducing electric consumption.

This equipment was installed at the U.S. Department of Veterans Affairs' Data Center which houses the Austin Automation Center and the Corporate Data Center Operations and is located in South Austin at 1515 Woodward Street. The demand kilowatt (kW) savings associated with the high efficiency equipment installed in this project is estimated at 533.5 kW, at a program cost of \$205.90 per kW saved. The avoided kilowatt hours (kWh), estimated at 95,249.22 kWh per year, represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 57.2 metric tons of Carbon Dioxide (CO₂), 0.036 metric tons of Sulfur Dioxide

(SO₂), and 0.040 metric tons of Nitrogen Oxides (NOX).

In addition to the reduced air and toxic metals pollution, the project savings are also equivalent to an estimated 128,413 vehicle miles traveled, the removal of 11 cars from our roadways, or the planting of 1,469 trees or 73 acres of forest in Austin's parks.